



# ELITE IRON<sup>®</sup>

**SUPPRESSOR MANUAL**



# CONFIGURATIONS

There are 4 configurations possible for the ASSET®:



1st stage with castle nut



1st stage with muzzle brake



1st and 2nd Stage with Castle Nut



1st and 2nd stage with Muzzle Brake

Assembly video can be found on our Youtube page @ [www.youtube.com/watch?v=Asj4hopuEp0](https://www.youtube.com/watch?v=Asj4hopuEp0)



Tools



Spanner wrench is used for tightening and loosening the encapsulators, castle nut and locking ring on the muzzle brake.



Tube wrench is used to keep the tube from spinning while tightening and loosening the encapsulators. The tube wrench can be used with the included handle or the built-in wrench flats can be used with a bench vise.

Parts of the ASSET®





***When disassembling or cleaning your suppressor always use the proper PPE to protect yourself from harmful contaminants in burnt gun powder.***

Remove suppressor from rifle before disassembly and cleaning. When installing or removing the suppressor from a rifle always use the cut pattern in the tube of the suppressor, not the black encapsulator.



Use the spanner wrench to install and remove the castle nut

## **Changing the direct thread adapter and cleaning 1st stage**

Pretreat the internals of the suppressor by spraying penetrating oil into both ends of the suppressor stages 20 minutes prior to disassembly. This will help aid in breaking down the carbon buildup and aid in disassembly. We recommend and use Free All as a pretreatment and a soaking agent prior to cleaning. Using the supplied spanner wrench and tube clamp, unthread the encapsulator from the rifle end of the 1st stage of the suppressor. Encapsulator will unscrew in a counterclockwise direction.



It may be necessary to use a wooden dowel to push the adapter and monocoire from the tube.



Unscrew the thread mount from the monocoire and reinstall desired thread mount, making sure no debris is in the tube or on the threads and mating surfaces of the parts. Insert completed monocoire into the tube making sure to line up the **notch** in the monocoire with the **keeper pin** in the tube.



Place a drop of oil on the encapsulator threads. Using the spanner wrench and tube clamp to secure the encapsulator on the tube, **DO NOT over tighten** as this will damage the threads or the grooves on the encapsulator nut.

## Cleaning the 2nd stage

Using the spanner wrench and the tube clamp remove the encapsulator from the forend of the 2nd stage. Remove the tube clamp and use a twisting and pulling motion to remove the tube from the monocoire. The monocoire can now be unthreaded from the first stage of the suppressor.



**DO NOT PRY ON OR GOUGE THE MONOCORE, THIS WILL DAMAGE THE CORE.**





Reinstall the 2nd stage monocoire onto the 1st stage of the suppressor with the shouldered end toward the 1st stage

Make sure no debris remains on the inside of the tube or on any mating surfaces. Slide the tube back onto the 2nd stage monocoire make sure no visible gap is left between the tube and the shoulder of the monocoire. Place a drop of oil on the 2nd stage encapsulator threads. Using the spanner wrench and tube clamp to secure the encapsulator on the tube, DO NOT over tighten this will damage the threads or the grooves on the encapsulator nut.

**Ordering additional direct thread adapters can be done on the Elite Iron website. Supplying the serial number of the suppressor will be required for proper fit.**

## **Damaged parts Information**

Monocoires that have been damaged can be replaced by calling Elite Iron at 406-244-0234 or email us at [info@eliteiron.com](mailto:info@eliteiron.com). Returning of the original core to be replaced is required for proper fit and function, due to tubing variances from lot to lot. 1st and 2nd stage monocoires can be replaced separately.



## IMPORTANT INSTRUCTIONS FOR ALL ELITE IRON SUPPRESSORS

All models have 100% repeatability. Any POI shift existing while suppressor is in use will be identical every time the suppressor is used on that same firearm.

**DO NOT use any type of crush/peel washer or shims when installing suppressor onto firearm.**

Ensure suppressor is on TIGHT. This should be checked periodically while shooting.

If the suppressor does not fully shoulder onto the firearm **DO NOT SHOOT!** Always check for clearances before swapping suppressor from firearm to firearm. When shooting multiple weapons with the same suppressor, first look thru the rifle bore and attached suppressor to ensure that you see a perfect round hole all the way thru. This check is only needed once per weapon.

If the suppressor does not thread on smoothly **DO NOT FORCE!** You risk damaging the suppressor threads, barrel threads or both!

**Installing your suppressor should not require the use of tools. NO PIPE WRENCHES!!!**

Unscrew, clean and check threads then try again. If you still encounter resistance, please call for assistance.

Elite Iron does not recommend storing the weapon with a hot suppressor attached especially with the muzzle pointed up.

Titanium center fire model suppressors limited warranty:

Due to the nature of the titanium material when introduced to the corrosion factor of burning propellants, all center fire models are limited to our material and workmanship guarantee only.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.





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